

MATERIAL SAFETY DATA SHEET COAL TAR SEALERS

SECTION 1 - IDENTITY

Identity as used on label and list:

Tar Sealer	S-250	R-420	SPEC SEAL
Coal Tar Sealer	S-350	R-370	
Driveway Sealer	S-320	IL-520	

Amguard, Sakrete, Amstone or Promo:

Filled Tar Sealer	Filled Coal Tar Sealer	Filled Driveway Sealer
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Manufacturer's Name :
American Stone-Mix, Inc.

Emergency Telephone Number:
Chemtrec (800) 424-9300

Address :
8320 Bellona Avenue
Towson, Maryland 21204-2086

Information Telephone Number
(800) 445-8250
Date Prepared: 03/01/99
Supersedes: 01/27/99

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Components:

Refined Coal Tar Cas#65996-93-2 @ 20-30%

OSHA Final Limits: TWA = 0.2 mg/m^3

ACGIH (TLV) TWA = 0.2 mg/m^3

ACGIH Classification A1: *Confirmed Human Carcinogen*

Kaolin Cas#1332-58-7 @ 10-15%

ACGIH (TLV): TWA = 10 mg/m^3 for total dust. Not applicable to finished product use.

Water @ 48-70%

Filler Cas# 14808-60-7

ACGIH (TLV): TWA = $.1 \text{ mg/m}^3$ for total dust. Not applicable to finished product use.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	100-425° C
Specific Gravity (H ₂ O = 1)	(1.154) 1.498
Vapor Pressure (mm Hg)	@20 C=0 @200 C=5.15mm
Melting Point	Not Applicable
Vapor Density (air = 1)	Less than 1
Evaporation Rate (Butyl Acetate = 1)	Not Applicable
Material state	Water Based Emulsion
Solubility in Water	Dilutable
Appearance and Odor	Black, Creosote Odor

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SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point	Greater than 200° C
Flammable	Limits Not Applicable
LEL	Not Applicable
UEL	Not Applicable
Extinguishing Media	Dry Chemical, Foam CO ₂ or water fog
Special Fire Fighting Procedures	Wear Respirator and full protective gear. Cool exposed containers with water spray.
Unusual Fire and Explosion Hazards	None

SECTION 5 - REACTIVITY DATA

Stability	Stable
Conditions to avoid	Not Applicable
Incompatibility	Not Applicable
Hazardous Decomposition or by products	When burned, toxic fumes may be emitted
Hazardous Polymerization	Will Not Occur
Conditions To Avoid	Not Applicable

SECTION 6 - HEALTH HAZARD DATA

Effects of Overexposure:

Inhalation: Spray mist can irritate the respiratory tract. Prolonged exposure to airborne mist concentrations significantly beyond workplace exposure limits could cause respiratory difficulty.

NOTE: There is no foreseeable risk of workers' inhaling solid constituents of this mixture.

Eye Exposure: Spray mist or liquid can irritate the eyes. Burning sensation, tearing, photophobia, redness, and swelling. Repeated or pro-longed exposure may cause permanent eye damage.

Skin Exposure: Liquid can cause skin irritation and dermatitis, including acne. Coal tar is a phototoxic substance which in the presence of sunlight, will cause a skin reaction similar to a severe sunburn.

Ingestion: Liquid can cause severe gastrointestinal irritation, nausea and vomiting if swallowed; fatal in large amounts.

Other Delayed Effects: Long-term exposure to coal tar can cause changes in skin pigmentation, growths on the skin or skin cancer. It may cause cancer of the lung, kidneys, or bladder. Prolonged exposure to high concentrations of coal tar may cause cardiovascular collapse.

Carcinogenicity Determinations: Coal tar and Benzo-a-pyrene have been determined by NTP and IARC to be human carcinogens.

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SECTION 6 - HEALTH HAZARD DATA continued

Emergency And First Aid Procedures:

Skin? Remove any residual material with waterless hand cleaners, soap or water.
In case of eye contact flush eyes immediately with cold water. Contact physician.

Ingestion? If swallowed, induce vomiting, call a physician immediately.

Inhalation? Unlikely to occur in finished product. If inhaled remove to fresh air. If not breathing, give artificial respiration or oxygen as needed. Seek medical attention immediately.

Medical conditions aggravated by exposure: Persons with a history of bleeding disorders or diseases of the liver, skin, eye, lungs, and blood forming organs are at a greater risk than normal for developing adverse reactions.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled:

Contain with absorbent solids such as sand, earth, etc.. Effluent should be contained and properly disposed of.

Waste Disposal Methods:

Any approved landfill according to federal, state and local regulations.

Precautions to be Taken in Handling and Storing:

Do not allow to freeze. Store in tightly closed container at between 40-100 F

Other Precautions:

Avoid skin contact. Keep out of reach of children

SECTION 8 - CONTROL MEASURES

Respiratory Protection (Specify Type): Use OSHA Approved Nose And Mouth Dust Mask.

Local Exhaust For Exterior, Open air use only

Mechanical (General) Below TLV

Protective Gloves Yes (Non-Porous)

Eye Protection Safety Glasses, Goggles & face shield

Other Protection Minimize Skin Exposure, Use Protective Creams.

Work/Hygienic Practices Maintain good Hygiene

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SECTION 9 - COMMENTS

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. The information and recommendations contained herein are based upon data believed to be correct, however, most originated at independent governmental or private sources or in the scientific literature and cover a considerable time span, during which sophistication in equipment procedures, etc., knowledge, and changes in the law occurred. The information is offered as a convenience only for use in recipient's own independent verification and/or investigation. Since conditions of use are outside our control, we make no warranties, expressed or implied, including accuracy, adequacy, and suitability of the information and assume no liability in connection with any use of this information. It is intended for persons of appropriate knowledge, skill and training, who in choosing to apply said information, with or without independent verification, do so at their own risk. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents. Any use of this data and information must be determined by the user to be in accordance with federal, state and local laws and regulations.